

16-50005-103

June 1992

FISH TALES

Operator's Handbook

Including----

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Switch Matrix and Location

Williams Electronics Games, Inc.
3401 N. California Ave.
Chicago, IL 60618

Main Menu

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| B.4 Feature Audits | [etc., etc.] |
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| A.1 Standard Adjustments | [etc., etc.] |
| A.2 Feature Adjustments | [etc., etc.] |
| A.3 Pricing Adjustments | [etc., etc.] |
| A.4 H.S.T.D. Adjustments | [etc., etc.] |
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Press Escape

To move out of a menu selection.

Press Enter

To get into a menu selection.

Press Up

Increases sequence; (ex. A.1, A.2, A.3, A.4).

Press Down

Decreases sequence; (ex. A.4, A.3, A.2, A.1).

Use Up or Down to cycle through the selections in a menu.

Use Escape and Enter to move into and out of the selected menu.

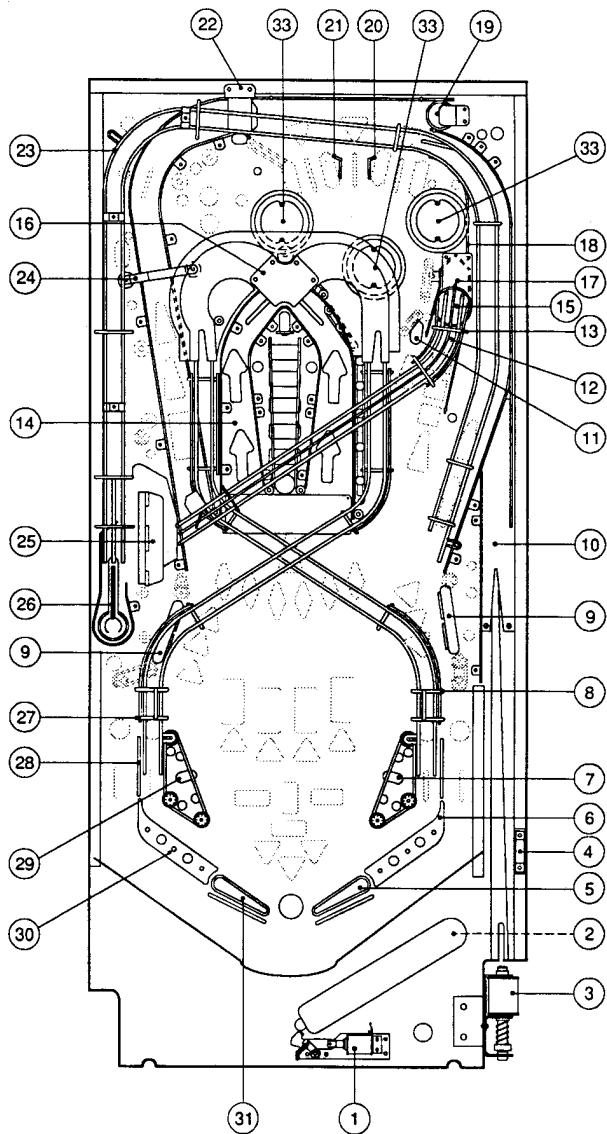
Playfield Parts

| <u>Item</u> | <u>Part Number</u> | <u>Description</u> |
|-------------|--------------------|-------------------------------|
| 1 | A-8039-3 | Outhole |
| 2 | C-9638 | Ball Release |
| a) | B-9362-R-3 | Coil & Bracket Assembly |
| 3 | A-14525 | Shooter Lane Kicker |
| 4 | 20-9691 | Level |
| a) | 03-8633 | Level Mount |
| 5 | A-15205-R-2 | Right Flipper Assembly |
| a) | 20-9250-6 | Yellow Flipper Paddle & Shaft |
| 6 | A-15403-2 | Right Flipper Paddle Return |
| 7 | B-12665 | Kicker Assembly |
| a) | A-14369-R | Coil & Bracket |
| 8 | A-15412 | Right Wire Ramp |
| 9 | A-15741 | Standup Target |
| 10 | 01-10489 | Shooter Ramp Bracket |
| 11 | A-15658-2 | Oblong Target |
| 12 | A-15211 | Drop Target |
| 13 | A-15405 | Reel Enter ramp |
| 14 | A-15109 | Boat Assembly |
| a) | A-14691-5 | Captive Ball Target |
| 15 | D-11335-1 | Ball Popper |
| 16 | A-15055 | Boat Ramp |
| 17 | A-15373 | Ball Guide Unit |
| 18 | 12-7033 | Wire Ball Guide |
| 19 | B-9361-R-11 | Ball Eject |
| a) | B-9362-R-3 | Coil & Bracket |
| 20 | 12-7024-2 | Wire Ball Guide |
| 21 | 12-7024-1 | Wire Ball Guide |
| 22 | B-10732-L | Ball Gate Assembly |
| a) | A-14422 | Ball Gate Actuator |
| 23 | 12-7033 | Wire Ramp Guide |
| 24 | A-15401 | Spin Target & Light Assembly |
| 25 | A-14945 | Fish Reel Unit |
| a) | 14-7967 | Motor |
| b) | A-15340 | EMI Motor Board |
| c) | A-14231 | LED Board |
| d) | A-14232 | Trans Board |
| e) | A-13901-1 | Opto Switch Board |
| 26 | A-14947 | Catapult |
| 27 | A-15413 | Left Wire Ramp |
| 28 | 12-6466-10 | Wire Guide |
| 29 | B-12665 | Kicker Assembly |
| a) | A-15749 | Coil & Bracket Assembly |
| 30 | A-15403-1 | Left Flipper Return |
| 31 | A-15205-L-2 | Left Flipper Assembly |
| a) | 20-9250-6 | Yellow Flipper Paddle & Shaft |
| 32 | A-13204-50005 | Bottom Arch Assembly |
| 33 | B-9414-3 | Jet Bumper Assembly |
| a) | B-12030-2 | Switch Assembly |
| b) | A-9415-2 | Coil & Bracket Assembly |

Not Shown

| | |
|---------------|------------------------|
| A-13204-50005 | Bottom Arch Assembly |
| 12-6842 | Wire Fence |
| 16-50005-1 | Instruction Card |
| 20-9041 | Tinnerman Speednut |
| 20-9045 | Instruction Card Cover |
| 23-6313-1 | Rubber Grommet |
| 31-1008-50005 | Screened Bottom Arch |
| A-15058 | Flipper Cabinet Switch |
| 01-3569-1 | Ball Return Runway |
| 03-8674-2 | Jet Bumper Mylar |
| 03-8674-3 | Small Playfield Mylar |
| 03-8674-4 | Boat Mylar |
| 20-6500 | Steel Ball |

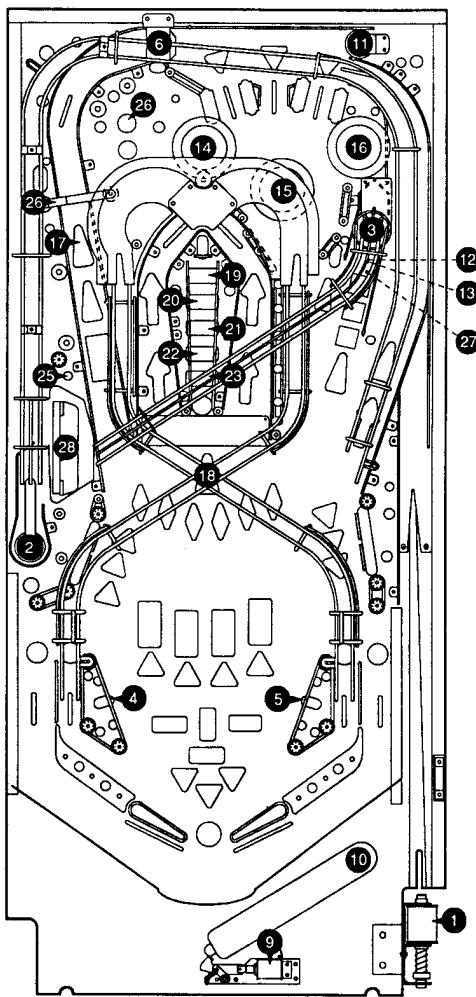
Playfield Parts Locations



Solenoid Table

| Sol. No. | Function | Solenoid Type | Wire Color | Connections Playfield - Insert - Hood | Driver Transr | Solenoid Part Number Flashlamp Type |
|-----------------------------|----------------------------|---------------|------------------------|---|---------------|--|
| 01 | Ball Shooter | High Power | Vlo-Brn | J130-1 | C62 | AE-23-800 |
| 02 | Catapult | High Power | Vlo-Red | J130-2 | C60 | AL-23-800 |
| 03 | Ball Popper | High Power | Vlo-Org | J130-4 | C78 | AE-24-900 |
| 04 | Left Sling | High Power | Vlo-Yel | J130-5 | C76 | AE-27-1200 |
| 05 | Right Sling | High Power | Vlo-Grn | J130-6 | C64 | AE-27-1200 |
| 06 | Left Gate | High Power | Vlo-Blu | J130-7 | C66 | A-14406 |
| 07 | Knocker | High Power | Vlo-Blk | J130-8 | C68 | AE-23-800 |
| 08 | Backbox Fish | High Power | Vlo-Gry | J130-9 | C70 | AE-23-800 |
| 09 | Cathole | Low Power | Brn-Blk | J127-1 | C58 | AE-27-1200 |
| 10 | Ball Release | Low Power | Brn-Red | J127-3 | C56 | AE-26-1200 |
| 11 | Eject Hole | Low Power | Brn-Org | J127-4 | C64 | AE-26-1200 |
| 12 | Drop Target Up | Low Power | Brn-Yel | J127-5 | C62 | AE-26-1200 |
| 13 | Drop Target Down | Low Power | Brn-Grn | J127-6 | C69 | SM1-26-600 |
| 14 | Left Jet Bumper | Low Power | Brn-Blu | J127-7 | C48 | AE-26-1200 |
| 15 | Center Jet Bumper | Low Power | Brn-Vlo | J127-8 | C46 | AE-26-1200 |
| 16 | Right Jet Bumper | Low Power | Brn-Gry | J127-9 | C44 | AE-26-1200 |
| 17 | Jackpot Flasher | Flasher | Blk-Brn | J126-1 | C42 | 1PL #906 |
| 18 | Super Jackpot Flasher | Flasher | Blk-Red | J126-2 | C40 | 1PL #906 |
| 19 | Instant Multi-ball Flasher | Flasher | Blk-Org | J126-3 J125-3 | C38 | 1PL #906 |
| 20 | Light Extra Ball Flasher | Flasher | Blk-Yel | J126-4 J125-5 | C36 | 1PL #906 |
| 21 | Rock the Boat Flasher | Flasher | Blu-Grn | J126-5 J125-6 | C28 | 1PL #906 |
| 22 | Video Mode Flasher | Flasher | Blu-Blk | J126-6 J125-7 | C30 | 1PL #906 |
| 23 | Hold Bonus Flasher | Flasher | Blu-Vlo | J126-7 J125-8 | C34 | 1PL #906 |
| 24 | Not Used | Flasher | Blu-Grv | | C32 | |
| 25 | Reel Flasher | Flasher | Blu-Brn | J122-1 J124-1 J124-1 | C26 | 1PL #89/1HD #906 2 IB #906 |
| 26 | Top Left Flasher | Flasher | Bku-Red | J122-2 | C24 | 1PL #89/1PL #906 |
| 27 | Castor Club Flasher | Flasher | Bku-Org | J122-3 J124-3 | C22 | 1PL #89 |
| 28 | Reel Motor | Low Power | Bku-Yel | J122-4 | C20 | 16-7567 |
| General Illumination | | | | | | |
| 01 | Backbox G.I. | G.I. | Wht-Brn | Playfield - Insert - Cabinet-Hood J121-7 | C18 | #555 |
| 02 | Backbox G.I./ Hood | G.I. | Wht-Org | J121-8 | C10 | #555 |
| 03 | Playfield G.I. | G.I. | Wht-Yel | J120-9 | C14 | #44 |
| 04 | Backbox G.I. | G.I. | Wht-Grn | J121-10 | C16 | #555 |
| 05 | Playfield G.I./ Coin Door | G.I. | Wht-Vlo | J120-11 J119-1 | C12 | #44 |
| Flipper Circuits | | | | | | |
| Lower Right Flipper | | Blu-Yel | Playfield J907-8, 9 | Pwr | Hold | |
| Lower Left Flipper | | | | Q4 | Q11 | FL-11629 |
| | | Gry-Yel | J907-6, 7 | Q3 | Q9 | FL-11629 |

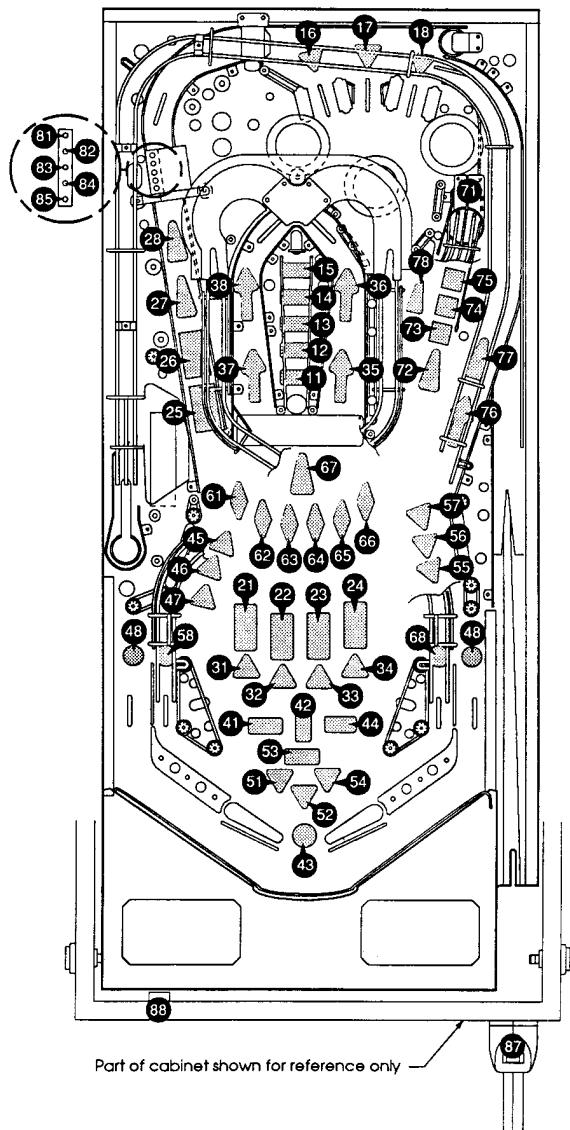
Solenoid Locations



Lamp Matrix

| Column | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|--------------------------|--|--------------------------------------|--|-----------------------------|------------------------------|--|--|
| Row | Q88 Yel-Brn J137-1 | Q97 Yel-Red J137-2 | Q86 Yel-Org J137-3 | Q85 Yel-Blk J137-4 | Q84 Yel-Grn J137-5 | Q83 Yel-Blu J137-6 | Q82 Yel-Vio J137-7 | Q81 Yel-Gry J137-8 |
| 1 | Hold Bonus J133-1 | Stringer 1 Body J137-1 | Stringer 1 Tail J137-2 | Tropical J137-3 | Bonus 1X J137-4 | School Fish 1 J137-5 | Casters Club J137-6 | Stretch 5X Actual J137-7 |
| 2 | Q89 Red-Blk J133-2 | Video Mode J133-2 | Stringer 2 Body J137-2 | Stringer 2 Tail J137-3 | Freshwater 2X J137-4 | School Fish 2 J137-5 | Doublers Jackpot J137-6 | Stretch 3X Actual J137-8 |
| 3 | Q88 Red-Org J133-4 | Rock Boat J133-4 | Stringer 3 Body J137-2 | Stringer 3 Tail J137-3 | Casi Again J137-4 | Auto Cast J137-5 | School Fish 3 J137-6 | Lock 2X Actual J137-8 |
| 4 | Q87 Red-Yel J133-5 | Light Extra Ball Body J133-5 | Stringer 4 Body J137-2 | Stringer 4 Tail J137-3 | Deep Sea J137-4 | Bonus 4X J137-5 | School Fish 4 J137-6 | Stretch Actual Size J137-8 |
| 5 | Q86 Red-Grn J133-6 | Instant Multi-ball Feeding J133-6 | Li Side Bonus Frenzy J137-2 | Right Boat Entry Frenzy J137-3 | Left Fish Head J137-4 | Right Fish Head J137-5 | School Fish 5 J137-6 | Lock 1 Total Lie J137-8 |
| 6 | Q85 Red-Blu J133-7 | Lie L J133-7 | Monster Bonus Frenzy J137-2 | Rt Boat Feeding Frenzy J137-3 | Left Fish Body J137-4 | Right Fish Body J137-5 | School Fish 6 Rt Side Feeding Frenzy J137-6 | Video Mode J137-8 |
| 7 | Q84 Red-Vio J133-8 | Lie I J133-8 | Fish Finder J137-2 | Left Boat Entry J137-3 | Left Fish Tail J137-4 | Right Fish Tail J137-5 | Super Jackpot J137-6 | Long Cast Cast J137-8 |
| 8 | Q83 Red-Gry J133-9 | Lie E J133-9 | Jackpot J137-2 | Left Boat Feeding Frenzy J137-3 | Specials J137-4 | Light Long Cast J137-5 | Light Fish Finder J137-6 | Extra Ball Start Button J137-8 |
| | 11 J133-1 | 21 J137-1 | 31 J137-2 | 41 J137-3 | 51 J137-4 | 61 J137-5 | 71 J137-6 | 81 J137-8 |
| | 12 J133-2 | 22 J137-2 | 32 J137-3 | 42 J137-4 | 52 J137-5 | 62 J137-6 | 72 J137-7 | 82 J137-9 |
| | 13 J133-4 | 23 J137-2 | 33 J137-3 | 43 J137-4 | 53 J137-5 | 63 J137-6 | 73 J137-7 | 83 J137-9 |
| | 14 J133-5 | 24 J137-2 | 34 J137-3 | 44 J137-4 | 54 J137-5 | 64 J137-6 | 74 J137-7 | 84 J137-9 |
| | 15 J133-6 | 25 J137-2 | 35 J137-3 | 45 J137-4 | 55 J137-5 | 65 J137-6 | 75 J137-7 | 85 J137-9 |
| | 16 J133-7 | 26 J137-2 | 36 J137-3 | 46 J137-4 | 56 J137-5 | 66 J137-6 | 76 J137-7 | 86 J137-9 |
| | 17 J133-8 | 27 J137-2 | 37 J137-3 | 47 J137-4 | 57 J137-5 | 67 J137-6 | 77 J137-7 | 87 J137-9 |
| | 18 J133-9 | 28 J137-2 | 38 J137-3 | 48 J137-4 | 58 J137-5 | 68 J137-6 | 78 J137-7 | 88 J137-9 |

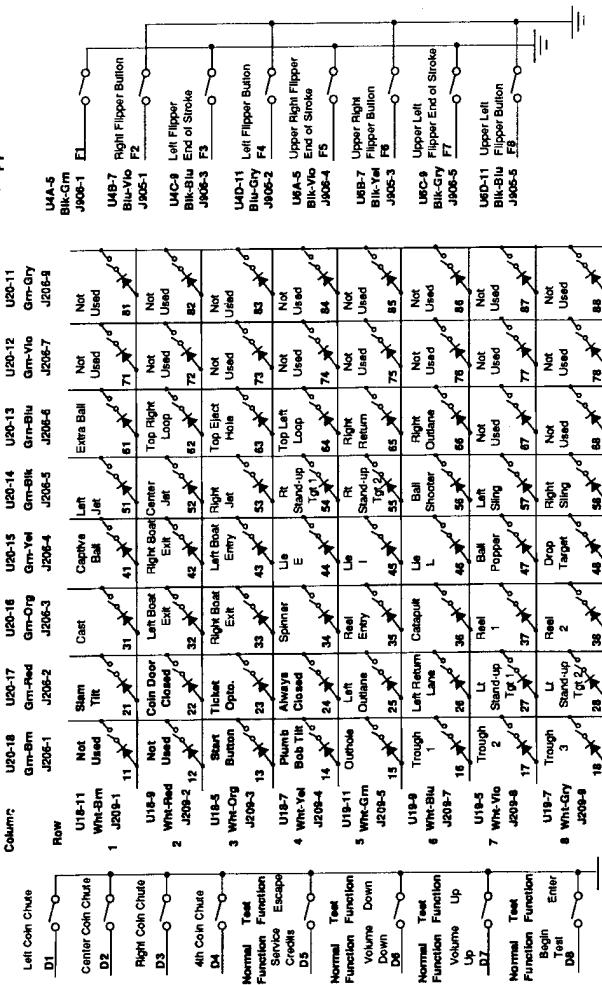
Lamp Locations



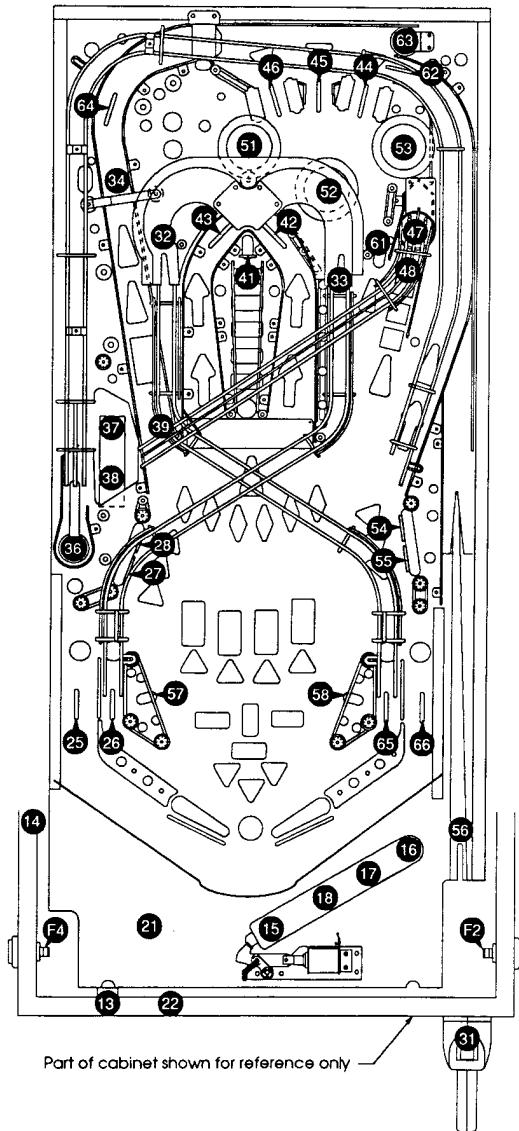
Switch Matrix

Dedicated Switches

Flipper Switches



Switch Locations



WARNINGS & NOTICES

WARNING

FOR SAFETY AND RELIABILITY, substitute parts and equipment modifications are not recommended. Use of Non-WILLIAMS parts or modifications of game circuitry, may adversely affect game play, or may cause injuries.

SUBSTITUTE PART OR EQUIPMENT MODIFICATIONS may void FCC Type Acceptance.

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TO MAINTAIN THESE LEVELS, reposition harnesses and reconnect ground straps to their original placements, if they become disconnected during maintenance.

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CAUTION

Transport this game ONLY
with hinged backbox DOWN!

"Orange Blossom Special"
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